

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Doug Hui Huang  
Title: HIGH THROUGHPUT  
CYTOCHROME P450  
GENOTYPING  
Appl. No.: 10/615,497  
Filing Date: 7/7/2003  
Examiner: Johannsen, Diana B.  
Art Unit: 1634  
Confirmation Number: 8961

**REPLY AND AMENDMENT UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 22, 2008, please enter the following amendments and consider the following remarks.

**Amendments to the Claims** begin on page 2 of this document.

**Remarks/Arguments** begin on page 9 of this document.

Please amend the application as follows: